FIG. 1

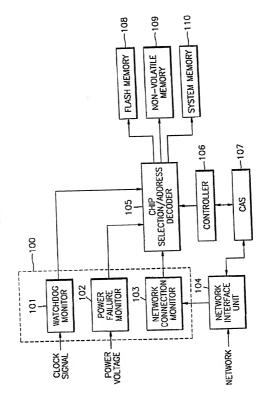


FIG. 2 201 INITIAL STATE SET NETWORK CONNECTION -202 NO IS VERSION OLD? 203 YFS START SOFTWARE UPGRADE -204 PERFORM FAILURE USER AUTHENTICATION 20⁵ SUCCESS 206 DOWNLOAD SOFTWARE AND CHECK FOR NETWORK DISCONNECTION AND ERROR IN SOFTWARE DURING DOWNLOAD 207 HAS NETWORK BEEN DISCONNECTED OR HAS ERROR OCCURRED IN YFS SOFTWARE? 208 NO NO IS DOWNLOAD COMPLETE? 209 YES COPY OLD VERSION OF SOFTWARE TO ANOTHER AREA UPGRADE SOFTWARE TO NEW VERSION AND CHECK WHETHER POWER FAILURE OR SYSTEM HANG-UP OCCURS DURING UPGRADE NO 213 210 211 HAS POWER FAILURE OR NO SOFTWARE UPGRADE SYSTEM HANG-UP COMPLETE? OCCURRED? 212 214 YES YES

RESTART NETWORK DEVICE BASED

ON OLD VERSION OF SOFTWARE

RESTART NETWORK DEVICE BASED

ON NEW VERSION OF SOFTWARE